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Patent  
Case No.: 53929US002

BTC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: INVIE, JUDITH M.

Patent No.: 6277485

Group Art Unit: 1773

Dated: August 21, 2001

Examiner: D. Nakarani

Title: ANTISOILING COATINGS FOR ANTIREFLECTIVE SURFACES  
AND METHODS OF PREPARATION

# 17  
02

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323

Commissioner for Patents  
Washington, DC 20231

APPROVED

JUN 14 2002

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:	
Date	Signed by: Linda Schumacher
April 3, 2002	<i>Linda Schumacher</i>

Dear Sir:

FOR THE DIRECTOR OF USPTO

It is respectfully requested that a Certificate of Correction be issued in connection with the above-noted patent. The required text is submitted in duplicate.

The errors are attributable to both the applicant(s) and the Patent and Trademark Office. Please charge the fee provided in 37 CFR § 1.20(a), and if necessary, charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

April 3, 2002

Date

By:

*Stephen W. Buckingham*  
Stephen W. Buckingham, Reg. No.: 30,035  
Telephone No.: 651-733-3379

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, MN 55133-3427  
Facsimile No.: 651-736-3833

**CERTIFICATE**  
MAY 01 2002  
**OF CORRECTION**

04/18/2002 MAHME2 00000114 133723 6277485

01 FC:145 100.00 CH

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,277,485 B1  
DATED : August 21, 2001  
INVENTOR(S) : Invie, Judith M.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 29, "antireflective" should read -- antireflective --;

Column 4,

Line 29, "(mu)" should read -- (nm) --;

Line 44, "co-ethylacrylate" should read -- co-ethylacrylate --;

Column 5,

Line 18, "I" should read -- 1 --;

Column 6,

Line 24, "emulsiton" should read -- emulsion --;

Column 7,

Line 65, " $-\text{CF}_2\text{O}(\text{C}_2\text{F}_4\text{O})_p\text{CF}_2-$ " should read --  $-\text{CF}_2\text{O}(\text{C}_2\text{F}_4\text{O})_p\text{CF}_2-$  --;

Column 8,

Line 38, " $\text{X}'\text{C}_n\text{F}_{2n+1}\text{O}-$ " should read --  $\text{X}'\text{C}_n\text{F}_{2n}-$  --;

Line 58, "nonftinctionalized" should read -- nonfunctionalized --;

Line 63, "tecminiques" should read -- techniques --;

Column 9,

Line 34, "includes" should read -- include --;

Line 50, "nonchlhorinated" should read -- nonchlorinated --;

Column 12,

Line 13, "anti reflectivity" should read -- antireflectivity --;

Line 38, "preferably, than about 0.2" should read -- preferably, less than about 0.2 --;

Column 13,

Line 35, "ster" should read -- ester --;

Line 38, "esignation" should read -- designation --;

Column 14,

Line 22, "Fusion UV curing Inc." should read -- Fusion UV Curing Inc. --;

Column 15,

Line 17, "rubbino" should read -- rubbing --;

Line 35, "caiuot" should read -- cannot --;

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,277,485 B1  
DATED : August 21, 2001  
INVENTOR(S) : Invie, Judith M.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 16,

Under Table 1, under the column "Product", "Example 1", 1<sup>st</sup> line,  
"XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub>" should read -- XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub> --;

Column 18,

Under Table 2, under the column "Product", "Example 12", 1<sup>st</sup> line,  
"X(CF<sub>2</sub>)<sub>3</sub>O(C<sub>4</sub>F<sub>8</sub>O)(CF<sub>2</sub>)<sub>3</sub>X" should read -- X(CF<sub>2</sub>)<sub>3</sub>O(C<sub>4</sub>F<sub>8</sub>O)<sub>p</sub>(CF<sub>2</sub>)<sub>3</sub>X --;  
Under Table 2, under the column "Product", "Example Comp. Ex. F", 1<sup>st</sup> line,  
"CF<sub>3</sub>O(C<sub>2</sub>F<sub>4</sub>O)2CF<sub>2</sub>X" should read -- CF<sub>3</sub>O(C<sub>2</sub>F<sub>4</sub>O)<sub>2</sub>CF<sub>2</sub>X --;  
Line 4, "and functional" should read -- and alkoxysilane-functional --;

Column 19,

Line 59, "perfluropolyether" should read -- perfluoropolyether --;  
Line 64, "etlhanol:chlchloroform," should read -- ethanol:chloroform, --;

Column 20,

Under Table 4, under the column "Product", "Example Comp. Ex. H", 1<sup>st</sup> line,  
"XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>p</sub>(C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub>CF<sub>2</sub>" should read -- XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub>(C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub>CF<sub>2</sub> --;  
Line 33, "perfluropolyether" should read -- perfluoropolyether --;  
Line 38, "altisoilinig" should read -- antisoiling --;  
Line 39, "SIARPIE" should read -- SHARPIE --;

Column 21,

Line 18, "fuinnel" should read -- funnel --;

Column 25,

Line 43, "formlulation" should read -- formulation --;  
Lines 53 and 54, "perfluropolyetlher" should read -- perfluoropolyether --;

Column 26,

Line 16, "described thout an" should read -- described above without an --;

Column 27,

Line 33, "R<sub>1</sub>" should read -- R<sup>1</sup> --;  
Line 45, "havingy" should read -- having --;  
Line 52, "antireflecive" should read -- antireflective --;

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,277,485 B1  
DATED : August 21, 2001  
INVENTOR(S) : Invie, Judith M.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 28.

Line 40, "R<sub>1</sub>" should read -- R<sup>1</sup> --;

Line 54, "(C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub> CF<sub>2</sub>-" should read -- (C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub>CF<sub>2</sub>- --;

Column 29.

Line 18, "R<sub>1</sub>" should read -- R<sup>1</sup> --;

Line 18, "claim 15" should read -- claim 16 --; and


Column 30.

Line 19, "R<sub>f</sub>[-R<sup>1</sup>-SiY<sub>3-x</sub>R<sub>x</sub><sup>2</sup>]<sub>y</sub>" should read -- R<sub>f</sub>[-R<sup>1</sup>-SiY<sub>3-x</sub>R<sub>x</sub><sup>2</sup>]<sub>y</sub> --.

Signed and Sealed this

Ninth Day of July, 2002

Attest:



Attesting Officer

JAMES E. ROGAN  
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 1 of 4

PATENT NO.: 6277485 *B1*  
DATED: August 21, 2001  
INVENTOR(S): INVIE, JUDITH M.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, line 29, "antireflective" should read --antireflective--;

Column 4, line 29, "(mu)" should read --(nm)--;

Column 4, line 44, "co-etllylacrylate" should read --co-ethylacrylate--;

Column 5, line 18, "T" should read --1--;

Column 6, line 24, "emulsiton" should read --emulsion--;

Column 7, line 65, " $-\text{CF}_2\text{O}(\text{C}_2\text{F}_4\text{O})_p\text{CF}_2-$ " should read --  $-\text{CF}_2\text{O}(\text{C}_2\text{F}_4\text{O})_p\text{CF}_2-$  --;

Column 8, line 38, " $\text{X}'\text{C}_n\text{F}_{2n+1}\text{O}-$ " should read -- $\text{X}'\text{C}_n\text{F}_{2n}-$ --;

Column 8, line 58, "nonftinctionalized" should read --nonfunctionalized--;

Column 8, line 63, "tecminiques" should read --techniques--;

Column 9, line 34, "includes" should read --include--;

Column 9, line 50, "nonchlhorinated" should read --nonchlorinated--;

Column 12, line 13, "anti reflectivity" should read --antireflectivity--;

Column 12, line 38, "preferably, than about 0.2" should read --preferably, less than about 0.2--;

MAILING ADDRESS OF SENDER:

PATENT NO. 6277485

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL  
3M INNOVATIVE PROPERTIES COMPANY  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427**

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**CERTIFICATE OF CORRECTION**

Page 2 of 4

PATENT NO.: 6277485

DATED: August 21, 2001

INVENTOR(S): INVIE, JUDITH M.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, line 35, "ster" should read --ester--;

Column 13, line 38, "esignation" should read --designation--;

Column 14, line 22, "Fusion UV curing Inc." should read --Fusion UV Curing Inc.--;

Column 15, line 17, "rubbing" should read --rubbing--;

Column 15, line 35, "caiuot" should read --cannot--;

Column 16, under Table 1, under the column "Product", "Example 1", 1<sup>st</sup> line, "XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub>" should read --XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub>--;

Column 18, under Table 2, under the column "Product", "Example 12", 1<sup>st</sup> line, "X(CF<sub>2</sub>)<sub>3</sub>O(C<sub>4</sub>F<sub>8</sub>O)(CF<sub>2</sub>)<sub>3</sub>X" should read -- X(CF<sub>2</sub>)<sub>3</sub>O(C<sub>4</sub>F<sub>8</sub>O)<sub>p</sub>(CF<sub>2</sub>)<sub>3</sub>X --;

Column 18, under Table 2, under the column "Product", "Example Comp. Ex. F", 1<sup>st</sup> line, "CF<sub>3</sub>O(C<sub>2</sub>F<sub>4</sub>O)<sub>2</sub>CF<sub>2</sub>X" should read --CF<sub>3</sub>O(C<sub>2</sub>F<sub>4</sub>O)<sub>2</sub>CF<sub>2</sub>X--;

Column 18, line 4, "and functional" should read --and alkoxysilane-functional--;

Column 19, line 59, "perfluloropolyether" should read --perfluoropolyether--;

Column 19, line 64, "etlhanol:chlchloroform," should read --ethanol:chloroform,--;

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PATENT NO. 6277485

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**CERTIFICATE OF CORRECTION**

Page 3 of 4

PATENT NO.: 6277485

DATED: August 21, 2001

INVENTOR(S): INVIE, JUDITH M.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20, under Table 4, under the column "Product", "Example Comp. Ex. H", 1<sup>st</sup> line, "XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>p</sub>(C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub>CF<sub>2</sub>" should read --XCF<sub>2</sub>O(CF<sub>2</sub>O)<sub>m</sub>(C<sub>2</sub>F<sub>4</sub>O)<sub>p</sub>CF<sub>2</sub>--;

Column 20, line 33, "perfluoropolyether" should read --perfluoropolyether--;

Column 20, line 38, "altisoiling" should read --antisoiling--;

Column 20, line 39, "SIIARPIE" should read --SHARPIE--;

Column 21, line 18, "fuinnel" should read --funnel--;

Column 25, line 43, "formlulation" should read --formulation--;

Column 25, lines 53 and 54, "perfluoropolyetlher" should read --perfluoropolyether --;

Column 26, line 16, "described thout an" should read --described above without an--;

Column 27, line 33, "R<sub>1</sub>" should read --R<sup>1</sup>--;

Column 27, line 45, "havingy" should read --having--;

Column 27, line 52, "antireflecive" should read --antireflective--;

Column 28, line 40, "R<sub>1</sub>" should read --R<sup>1</sup>--;

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Page 4 of 4

PATENT NO.: 6277485

DATED: August 21, 2001

INVENTOR(S): INVIE, JUDITH M.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 28, line 54, " $(C_2F_4O)_p CF_2$ —" should read --  $(C_2F_4O)_p CF_2$  --;

Column 29, line 18, " $R_1$ " should read -- $R^1$ --;

Column 29, line 18, "claim 15" should read --claim 16--; and

Column 30, line 19, " $R_f[-R^1-SiY_{3-x}R_x^{1322}]_y$ " should read --  $R_f[-R^1-SiY_{3-x}R_x^2]_y$  --.

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